



Emissions - Unit Level Data Report

Jul 24, 2014

Your query will return 1 Facility(s) and 3 Unit(s)

Program: All Programs

Data Set: Emissions - Unit Level Data

Time Frame: Emissions :

Annual : 2007

Facility Attributes : 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2003, 2002, 2001, 2000, 1999, 1998, 1997, 1996, 1995, 1990, 1985, 1980

Criteria: Facility Name/ID : Greenidge Generation LLC

Aggregate Criteria: No Aggregation (Unit Level)

Columns: State, Facility Name, Facility ID (ORISPL), Unit ID, Year, Operating Time, # of Months Reported

Record Number	State	Facility Name	Facility ID (ORISPL)	Unit ID	Year	Operating Time	# of Months Reported
1	NY	Greenidge Generation LLC	2527	4	2007	1,141	12
2	NY	Greenidge Generation LLC	2527	5	2007	1,152	12
3	NY	Greenidge Generation LLC	2527	6	2007	7,878	12

Columns: Gross Load (MW-h), Steam Load (1000lb), SO2 (tons), Avg. NOx Rate (lb/MMBtu), NOx (tons), CO2 (short tons), Heat Input (MMBtu)

Record Number	Gross Load (MW-h)	Steam Load (1000lb)	SO2 (tons)	Avg. NOx Rate (lb/MMBtu)	NOx (tons)	CO2 (short tons)	Heat Input (MMBtu)
1		243,626	398.4	0.65	90.3	27,984.4	272,758
2		225,202	351.3	0.65	82.1	25,605	249,568
3	713,361		2,332.5	0.2	673.8	726,877.6	7,082,666

ENCLOSURE 1

Columns: EPA Region, County, Owner, Operator, SO2 Phase, NOx Phase, Operating Status

Record Number	EPA Region	County	Owner	Operator	SO2 Phase	NOx Phase	Operating Status
1	2	Yates	AEE 2, LLC	AES Corporation	Phase 2	Phase II Group 1	Operating
2	2	Yates	AES Corporation	AES Corporation	Phase 2	Phase II Group 1	Operating
3	2	Yates	AEE 2, LLC	AES Corporation	Table 1	Phase 1 Group 1	Operating

Columns: Unit Type, Fuel Type (Primary), Fuel Type (Secondary), SO2 Control(s), NOx Control(s), PM Control(s)

Record Number	Unit Type	Fuel Type (Primary)	Fuel Type (Secondary)	SO2 Control(s)	NOx Control(s)	PM Control(s)
1	Dry bottom wall-fired boiler	Coal	Residual Oil			Electrostatic Precipitator
2	Dry bottom wall-fired boiler	Coal	Residual Oil			Electrostatic Precipitator
3	Tangentially-fired	Coal	Residual Oil	Dry Lime FGD (Began May 29, 2007)	Low NOx Burner Technology w/ Closed-coupled OFA (Began May 29, 2007) Selective Catalytic Reduction (Began May 29, 2007)	Electrostatic Precipitator Baghouse (Began May 29, 2007)



Emissions - Unit Level Data Report

Jul 24, 2014

Your query will return 1 Facility(s) and 3 Unit(s)

Program: Acid Rain Program (ARP)

Data Set: Emissions - Unit Level Data

Time Frame: Emissions :
Annual : 2008

Criteria: Facility Name/ID : Greenidge Generation LLC

Aggregate Criteria: No Aggregation (Unit Level)

Columns: State, Facility Name, Facility ID (ORISPL), Unit ID, Associated Stacks, Year, Program(s)

Record Number	State	Facility Name	Facility ID (ORISPL)	Unit ID	Associated Stacks	Year	Program(s)
1	NY	Greenidge Generation LLC	2527	4	CSG003	2008	ARP
2	NY	Greenidge Generation LLC	2527	5	CSG003	2008	ARP
3	NY	Greenidge Generation LLC	2527	6		2008	ARP

Columns: SO₂ (tons), Avg. NO_x Rate (lb/MMBtu), NO_x (tons), CO₂ (short tons), Heat Input (MMBtu), Operating Time, # of Months Reported

Record Number	SO ₂ (tons)	Avg. NO _x Rate (lb/MMBtu)	NO _x (tons)	CO ₂ (short tons)	Heat Input (MMBtu)	Operating Time	# of Months Reported
1	177	0.58	37.6	12,798	124,713	1,139	12
2	200.9	0.58	43.6	14,887	145,073	1,307	12
3	447.9	0.17	539.3	688,271.2	6,707,595	8,447	12

ENCLOSURE 1

Columns: Gross Load (MW-h), Steam Load (1000lb), EPA Region, County, Source Category, Owner, Operator

Record Number	Gross Load (MW-h)	Steam Load (1000lb)	EPA Region	County	Source Category	Owner	Operator
1		175,755	2	Yates	Electric Utility	AES Corporation	AES Corporation
2		206,479	2	Yates	Electric Utility	AES Corporation	AES Corporation
3	731,082		2	Yates	Electric Utility	AES Corporation	AES Corporation

Columns: SO2 Phase, NOx Phase, Operating Status, Unit Type, Fuel Type (Primary), Fuel Type (Secondary), SO2 Control(s)

Record Number	SO2 Phase	NOx Phase	Operating Status	Unit Type	Fuel Type (Primary)	Fuel Type (Secondary)	SO2 Control(s)
1	Phase 2	Phase II Group 1	Operating	Dry bottom wall-fired boiler	Coal	Residual Oil	
2	Phase 2	Phase II Group 1	Operating	Dry bottom wall-fired boiler	Coal	Residual Oil	
3	Table 1	Phase 1 Group 1	Operating	Tangentially-fired	Coal	Residual Oil	Dry Lime FGD

Columns: NOx Control(s), PM Control(s)

Record Number	NOx Control(s)	PM Control(s)
1		Electrostatic Precipitator
2		Electrostatic Precipitator
3	Low NOx Burner Technology w/ Closed-coupled OFA Selective Catalytic Reduction	Electrostatic Precipitator Baghouse



Emissions - Unit Level Data Report

Jul 24, 2014

Your query will return 1 Facility(s) and 3 Unit(s)

Program: Acid Rain Program (ARP)

Data Set: Emissions - Unit Level Data

Time Frame: Emissions :
Annual : 2009

Criteria: Facility Name/ID : Greenidge Generation LLC

Aggregate Criteria: No Aggregation (Unit Level)

Columns: State, Facility Name, Facility ID (ORISPL), Unit ID, Associated Stacks, Year, Program(s)

Record Number	State	Facility Name	Facility ID (ORISPL)	Unit ID	Associated Stacks	Year	Program(s)
1	NY	Greenidge Generation LLC	2527	4	CSG003	2009	ARP
2	NY	Greenidge Generation LLC	2527	5	CSG003	2009	ARP
3	NY	Greenidge Generation LLC	2527	6		2009	ARP

Columns: SO₂ (tons), Avg. NO_x Rate (lb/MMBtu), NO_x (tons), CO₂ (short tons), Heat Input (MMBtu), Operating Time, # of Months Reported

Record Number	SO ₂ (tons)	Avg. NO _x Rate (lb/MMBtu)	NO _x (tons)	CO ₂ (short tons)	Heat Input (MMBtu)	Operating Time	# of Months Reported
1	23.4	0.55	5.2	1,788.1	17,429	87	12
2	20.8	0.56	4.7	1,588.2	15,484	89	12
3	371.4	0.17	361.8	452,418.8	4,409,207	6,085	12

ENCLOSURE 1

Columns: Gross Load (MW-h), Steam Load (1000lb), EPA Region, County, Source Category, Owner, Operator

Record Number	Gross Load (MW-h)	Steam Load (1000lb)	EPA Region	County	Source Category	Owner	Operator
1		15,270	2	Yates	Electric Utility	AES Corporation	AES Corporation
2		14,777	2	Yates	Electric Utility	AES Corporation	AES Corporation
3	476,354		2	Yates	Electric Utility	AES Corporation	AES Corporation

Columns: SO2 Phase, NOx Phase, Operating Status, Unit Type, Fuel Type (Primary), Fuel Type (Secondary), SO2 Control(s)

Record Number	SO2 Phase	NOx Phase	Operating Status	Unit Type	Fuel Type (Primary)	Fuel Type (Secondary)	SO2 Control(s)
1	Phase 2	Phase II Group 1	Operating	Dry bottom wall-fired boiler	Coal	Residual Oil	
2	Phase 2	Phase II Group 1	Operating	Dry bottom wall-fired boiler	Coal	Residual Oil	
3	Table 1	Phase 1 Group 1	Operating	Tangentially-fired	Coal	Residual Oil	Dry Lime FGD

Columns: NOx Control(s), PM Control(s)

Record Number	NOx Control(s)	PM Control(s)
1		Electrostatic Precipitator
2		Electrostatic Precipitator
3	Low NOx Burner Technology w/ Closed-coupled OFA Selective Catalytic Reduction	Electrostatic Precipitator Baghouse



Emissions - Unit Level Data Report

Jul 24, 2014

Your query will return 1 Facility(s) and 3 Unit(s)

Program: Acid Rain Program (ARP)

Data Set: Emissions - Unit Level Data

Time Frame: Emissions :
Annual : 2010

Criteria: Facility Name/ID : Greenidge Generation LLC

Aggregate Criteria: No Aggregation (Unit Level)

Columns: State, Facility Name, Facility ID (ORISPL), Unit ID, Year, Associated Stacks, Program(s)

Record Number	State	Facility Name	Facility ID (ORISPL)	Unit ID	Year	Associated Stacks	Program(s)
1	NY	Greenidge Generation LLC	2527	4	2010	CSG003	ARP
2	NY	Greenidge Generation LLC	2527	5	2010	CSG003	ARP
3	NY	Greenidge Generation LLC	2527	6	2010		ARP

Columns: Operating Time, # of Months Reported, Gross Load (MW-h), Steam Load (1000lb), SO2 (tons), Avg. NOx Rate (lb/MMBtu), NOx (tons)

Record Number	Operating Time	# of Months Reported	Gross Load (MW-h)	Steam Load (1000lb)	SO2 (tons)	Avg. NOx Rate (lb/MMBtu)	NOx (tons)
1	0	6				0	
2	0	6				0	
3	8,303	12	605,629		448.9	0.2	561

ENCLOSURE 1

Columns: CO2 (short tons), Heat Input (MMBtu), EPA Region, County, Source Category, Owner, Operator

Record Number	CO2 (short tons)	Heat Input (MMBtu)	EPA Region	County	Source Category	Owner	Operator
1			2	Yates	Electric Utility	AES Corporation	AES Corporation
2			2	Yates	Electric Utility	AES Corporation	AES Corporation
3	599,104.7	5,838,307	2	Yates	Electric Utility	AES Corporation	AES Corporation

Columns: SO2 Phase, NOx Phase, Operating Status, Unit Type, Fuel Type (Primary), Fuel Type (Secondary), SO2 Control(s)

Record Number	SO2 Phase	NOx Phase	Operating Status	Unit Type	Fuel Type (Primary)	Fuel Type (Secondary)	SO2 Control(s)
1	Phase 2	Phase II Group 1	Operating	Dry bottom wall-fired boiler	Coal	Residual Oil	
2	Phase 2	Phase II Group 1	Operating	Dry bottom wall-fired boiler	Coal	Residual Oil	
3	Table 1	Phase 1 Group 1	Operating	Tangentially-fired	Coal	Residual Oil	Dry Lime FGD

Columns: NOx Control(s), PM Control(s)

Record Number	NOx Control(s)	PM Control(s)
1		Electrostatic Precipitator
2		Electrostatic Precipitator
3	Low NOx Burner Technology w/ Closed-coupled OFA Selective Catalytic Reduction	Electrostatic Precipitator Baghouse



Emissions - Unit Level Data Report

Jul 24, 2014

Your query will return 1 Facility(s) and 3 Unit(s)

Program: Acid Rain Program (ARP)

Data Set: Emissions - Unit Level Data

Time Frame: Emissions :
Annual : 2011

Criteria: Facility Name/ID : Greenidge Generation LLC

Aggregate Criteria: No Aggregation (Unit Level)

Columns: State, Facility Name, Facility ID (ORISPL), Unit ID, Year, Associated Stacks, Program(s)

Record Number	State	Facility Name	Facility ID (ORISPL)	Unit ID	Year	Associated Stacks	Program(s)
1	NY	Greenidge Generation LLC	2527	6	2011		ARP

Columns: Operating Time, # of Months Reported, Gross Load (MW-h), Steam Load (1000lb), SO2 (tons), Avg. NOx Rate (lb/MMBtu), NOx (tons)

Record Number	Operating Time	# of Months Reported	Gross Load (MW-h)	Steam Load (1000lb)	SO2 (tons)	Avg. NOx Rate (lb/MMBtu)	NOx (tons)
1	1,771	12	108,123		80.3	0.25	133.6

Columns: CO2 (short tons), Heat Input (MMBtu), EPA Region, County, Source Category, Owner, Operator

Record Number	CO2 (short tons)	Heat Input (MMBtu)	EPA Region	County	Source Category	Owner	Operator
1	113,357.5	1,104,780	2	Yates	Electric Utility	AES Corporation	AES Corporation

ENCLOSURE 1

Columns: SO2 Phase, NOx Phase, Operating Status, Unit Type, Fuel Type (Primary), Fuel Type (Secondary), SO2 Control(s)

Record Number	SO2 Phase	NOx Phase	Operating Status	Unit Type	Fuel Type (Primary)	Fuel Type (Secondary)	SO2 Control(s)
1	Table 1	Phase 1 Group 1	Operating	Tangentially-fired	Coal	Residual Oil	Dry Lime FGD

Columns: NOx Control(s), PM Control(s)

Record Number	NOx Control(s)	PM Control(s)
1	Low NOx Burner Technology w/ Closed-coupled OFA Selective Catalytic Reduction	Electrostatic Precipitator Baghouse